

SIEVING ERROR: 0.3%

## SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-14-30**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 2.9%	COARSE SAND: 5.6%		
MODE 2:			SAND: 97.0%	MEDIUM SAND: 39.6%		
MODE 3:			MUD: 0.1%	FINE SAND: 47.6%		
$D_{10}$ :	157.4	0.923		V FINE SAND: 2.1%		
MEDIAN or $D_{50}$ :	250.9	1.995	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	527.4	2.668	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.351	2.890	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	370.0	1.744	FINE GRAVEL: 0.6%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.758	1.536	V FINE GRAVEL: 2.3%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	150.4	0.814	V COARSE SAND: 2.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	395.2	286.2	1.805	270.9	1.884	Medium Sand
SORTING ( $\sigma$ ):	558.9	1.876	0.907	1.682	0.750	Moderately Sorted
SKEWNESS ( $Sk$ ):	5.234	1.722	-1.722	0.326	-0.326	Very Coarse Skewed
KURTOSIS ( $K$ ):	33.74	8.793	8.793	1.452	1.452	Leptokurtic

## GRAIN SIZE DISTRIBUTION

